

HEAT PIPE HEAT RADIATING DEVICE

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Inventor: KOBAYASHI AKIHIDE
Applicant: NEC CORP
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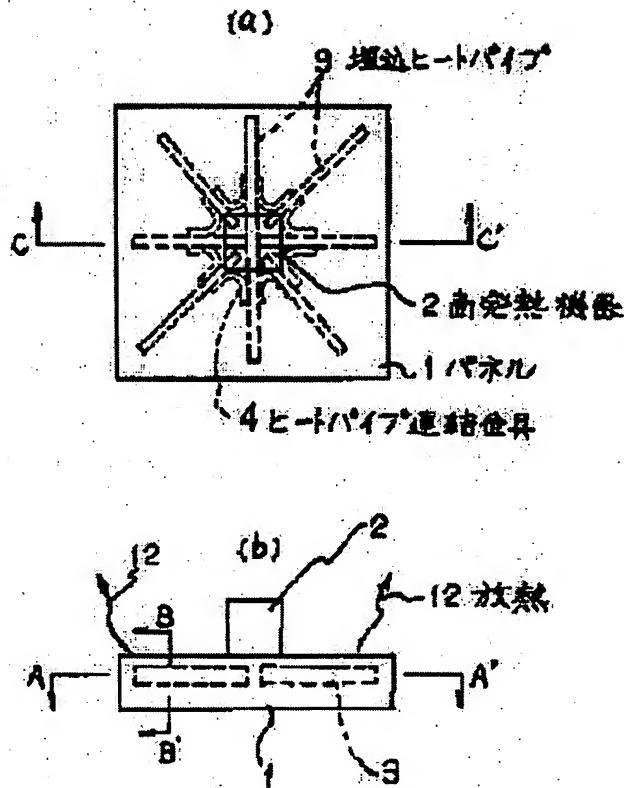
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Abstract of JP9303981

PROBLEM TO BE SOLVED: To high-efficiently dissipate heat generated by a high heat generator mounted on an artificial satellite.

SOLUTION: Heat pipes 3 having a number of grooves formed in the inner part of a panel 1 are embedded radially centering around a high heat generator 2 and the heat pipes 3 are coupled together through a heat pipe coupling metal fitting 4 having high thermal conductivity. This constitution uniformly diffuses heat generated by the high heat generator 2 in a panel 1 and high-efficiently dissipates heat by a panel 1. Further, since, in a ground test, heat is high-efficiently dissipated even when an influence is exercised by gravity, a ground test is easily practicable.



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